

To: Bolduc, Jean M[jean.m.bolduc@lmco.com]
From: LaPoma, Jennifer
Sent: Fri 2/26/2016 5:17:31 PM
Subject: RE: Revised Costs for New Cassel PDI-1 and PDI-2

Thanks for the update Jean. Glad you were able to get in touch with a driller who has worked nearby.

From: Bolduc, Jean M [mailto:jean.m.bolduc@lmco.com]
Sent: Friday, February 26, 2016 11:50 AM
To: LaPoma, Jennifer <LaPoma.Jennifer@epa.gov>
Subject: Revised Costs for New Cassel PDI-1 and PDI-2

Jen,

I sent Jeff Cantanzarita the revised cost estimate for PDI-1 and PDI-2 to look over before sending it to you.
I hope to go over any changes Jeff has on Monday morning and get it to you in the afternoon.

I talked to the Business Development manager for a drilling company currently putting in 650' VPBs with a sonic rig in Hicksville adjacent to New Cassel.

He said they are averaging 10 days to profile every 20' from 60-650' and then convert the borehole to a monitoring well.

So I was able to use the information he gave me to drastically cut back the estimated days for drilling and profiling.

He also said they are encountering groundwater at 50', so we might want to deepen the risk samples from 40' to 60'.

He was familiar with the profiling done at Fulton Street. Demetrius estimated 23 days to profile every 30' to 450' and then convert the borehole to a monitoring well. He said that estimate was high because they anticipated a lot of problems but those actually didn't occur.

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